

20030523.qrp v02_n929.qrl.20030523

Date: Fri, 23 May 2003 19:03:13 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2929

QRP-L Digest 2929

Topics covered in this issue include:

- 1) [151132] OT: Building the "Cheap" PC
by Brian Short <bshort4@cox.net>
- 2) [151133] K3K0 was the first AT QSO winner
by Bob cutter <ki0g@yahoo.com>
- 3) [151134] Re: OT: Building the "Cheap" PC
by Jim Eshleman <jce0@Lehigh.EDU>
- 4) [151135] Re: icom 706 accessory
by "John J. McDonough" <wb8rcr@arrl.net>
- 5) [151136] Re: Miniboats Arrival??
by Jeff Grudin <grudin@vdbbs.com>
- 6) [151137] Re: [CW] Etiquette question...(now longer)
by "John J. McDonough" <wb8rcr@arrl.net>
- 7) [151138] [CONTEST] N2CQ QRP Contest Calendar May 23-31
by "Ken Newman" <N2CQ@Dandy.Net>
- 8) [151139] Re: 4:1 Balun winding info
by Bill Coleman <aa4lr@arrl.net>
- 9) [151140] Re: 4:1 Balun winding info
by Bill Coleman <aa4lr@arrl.net>
- 10) [151141] Re: 4:1 Balun winding info
by Bill Coleman <aa4lr@arrl.net>
- 11) [151142] Re: Antenna category?
by Bill Coleman <aa4lr@arrl.net>
- 12) [151143] Re: Dayton Icom Announcement
by Bill Coleman <aa4lr@arrl.net>
- 13) [151144] Looken for FP #'s
by "Jerry Ford" <benlightnd13@mchsi.com>
- 14) [151145] Re: Mail Call and Small Tubes
by Jeffrey L Greer <wd4et@juno.com>
- 15) [151146] Re: NorCal 10th Anniversary Party
by Jeffrey L Greer <wd4et@juno.com>
- 16) [151147] Noise blanker needed
by Fred Bonavita <k5qlf@yahoo.com>
- 17) [151148] Clarifying Thin Net ethernet coax
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 18) [151149] Re: paddle starting question
by Anthony Luscre K8ZT <aluscre@neo.rr.com>
- 19) [151150] Re: Dayton Icom Announcement

- by Chuck Adams <k7qo@earthlink.net>
- 20) [151151] Re: Miniboats Arrival??
by "Walter AG5P" <walter@accessus.net>
- 21) [151152] Re: Dayton Icom Announcement
by "John J. McDonough" <wb8rcr@arrl.net>
- 22) [151153] Re: Miniboats Arrival??
by Nelson Winter <thenels@go.com>
- 23) [151154] Re: NorCal 10th Anniversary Party
by David Gauding <david.gauding@bbs.galilei.com>
- 24) [151155] Re: [CW] Etiquette question...(now longer)
by "George, W5YR" <w5yr@att.net>
- 25) [151156] Re: Fox - Summer Fox Hunt -
by "George, W5YR" <w5yr@att.net>
- 26) [151157] RE: 50-ohm coax - "plenum"
by "R. Neil Federspiel" <neil.federspiel@RNFAssociates.com>
- 27) [151158] Re: Screwdriver Antenna
by "Karl F. Larsen" <k5di@zianet.com>
- 28) [151159] Re: Dayton Icom Announcement
by "Karl F. Larsen" <k5di@zianet.com>
- 29) [151160] Re: Dayton Icom Announcement
by Bill Coleman <aa4lr@arrl.net>
- 30) [151161] Re: Dayton Icom Announcement
by "John J. McDonough" <wb8rcr@arrl.net>
- 31) [151162] Calling all piggies:
by "Jerry Ford" <benlightnd13@mchsi.com>
- 32) [151163] Birthday Greetings!
by Bruce Ratray <ratray@gpfn.sk.ca>
- 33) [151164] Re: NorCal 10th Anniversary
by Kfivebg@aol.com
- 34) [151165] New Issues of QRPp
by "Bill Jones" <kd7s@psnw.com>
- 35) [151166] Re: CW Adapter for HTX-10
by Jim Giammanco <giamman@rouge.phys.lsu.edu>
- 36) [151167] Re: QST article
by Bruce Muscolino <w6toy@erols.com>
- 37) [151168] Re: Dayton Icom Announcement
by "George, W5YR" <w5yr@att.net>
- 38) [151169] Fwd: Pictures of Earth ... from Mars
by Ed Tanton <n4xy@earthlink.net>
- 39) [151170] Wanted = TT-405 amp
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 40) [151171] Re: OT: Building the "Cheap" PC
by John Payne <paynej1@earthlink.net>
- 41) [151172] Fox - Summer Fox Hunt - (fwd)
by Bruce Ratray <ratray@gpfn.sk.ca>
- 42) [151173] Fox - Summer Fox Hunt - (fwd)
by Bruce Ratray <ratray@gpfn.sk.ca>
- 43) [151174] Re: QST article

- by "Lee Mairs" <lmairs@direcway.com>
- 44) [151175] Re: CW Adapter for HTX-10
by "Tom Dufresne" <tdufres@hotmail.com>
- 45) [151176] Rock-Mite goes Oink Oink
by Chuck Carpenter <w5usj@9plus.net>
- 46) [151177] The fairy godmother waves her magic wand...
by David Hinerman <WD8CIV@worldnet.att.net>
- 47) [151178] Ot: Stripping the outer insulation from Telephone wire?
by "Dean-NR2V/4" <nr2v@northnet.org>
- 48) [151179] Antenna URL update
by na5n@zianet.com
- 49) [151180] QRP ARCI Contest Web Page
by Randy Foltz <rfoltz@turbonet.com>
- 50) [151181] Suggestions for QRP carrying cases?
by "Lawrence Makoski" <Makos327@worldnet.att.net>
- 51) [151182] Re: Dayton Icom Announcement
by "Karl F. Larsen" <k5di@zianet.com>
- 52) [151183] Re: Suggestions for QRP carrying cases?
by Lloyd Lachow <llachow@yahoo.com>
- 53) [151184] Re: Suggestions for QRP carrying cases?
by <igeq100@iupui.edu>
- 54) [151185] Re: Suggestions for QRP carrying cases?
by "Mark Andrews" <KE4IOF@KE4IOF.com>
- 55) [151186] Re: Dayton Icom Announcement
by "Karl F. Larsen" <k5di@zianet.com>
- 56) [151187] MO Falls all QRP
by Larry Cahoon <lejek@erols.com>
- 57) [151188] Re: Dayton Icom Announcement
by "John J. McDonough" <wb8rcr@arrl.net>
- 58) [151189] shack cleaning
by "dave" <kd3pc@mindspring.com>
- 59) [151190] Re: Dayton Icom Announcement
by "John J. McDonough" <wb8rcr@arrl.net>
- 60) [151191] Re: Suggestions for QRP carrying cases?
by fcs@juno.com
- 61) [151192] Re: MO Falls all QRP
by "w8diz" <w8diz@fpqrp.com>
- 62) [151193] Re: MO Falls all QRP
by Larry Cahoon <lejek@erols.com>
- 63) [151194] N0SXX from Colorado Trail Sat Nite
by Gary Slagel <gdslagel@yahoo.com>

Date: Thu, 22 May 2003 18:04:40 -0400
From: Brian Short <bshort4@cox.net>
To: Low Discussion <qrp-l@Lehigh.EDU>
Subject: [151132] OT: Building the "Cheap" PC

Message-ID: <628CEEF4-8CA1-11D7-9956-00306543B616@cox.net>
Mime-Version: 1.0 (Apple Message framework v552)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I finally got a chance to assemble the inexpensive computer mentioned earlier.

<http://www.k7on.com/computers/computer/>

Cost ~\$175 (so far), but I still want a 4x AGP SVGA card. I think I can get a decent one for under \$30 (possibly with a rebate deal).

Anybody know a good 4x AGP card for \$25-\$30?

Until I find a "cheap" one I'll just use the ancient PCI card from the junk box.

Read all about it:

<http://www.k7on.com/computers/computer/>

Brian

--

See my web page: <http://www.k7on.com>

Date: Thu, 22 May 2003 16:10:56 -0700 (PDT)
From: Bob cutter <ki0g@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [151133] K3K0 was the first AT QSO winner
Message-ID: <20030522231056.4871.qmail@web40705.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

As in all QRP it is the ears on the other end that count. Brian, K3K0 was there this afternoon on 20M for the first QSO with the AT Sprint. The rig was jumpered on the bench. I never can wait.

What a fine, elegant design Steve has given us!

72, Bob KI0G

Do you Yahoo!?
The New Yahoo! Search - Faster. Easier. Bingo.
<http://search.yahoo.com>

Date: Thu, 22 May 2003 19:37:01 -0400
From: Jim Eshleman <jce0@Lehigh.EDU>
To: bshort4@cox.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [151134] Re: OT: Building the "Cheap" PC
Message-ID: <3ECD5F1D.1010700@Lehigh.EDU>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

> Cost ~\$175 (so far), but I still want a 4x AGP SVGA card.
> I think I can get a decent one for under \$30 (possibly with
> a rebate deal).
>
> Anybody know a good 4x AGP card for \$25-\$30?

I happen to be building another system as well, this one for myself
finally :-) Have a look at:

<http://www.pricewatch.com/>

then check-out the vendors at:

<http://www.resellerratings.com/>

I prefer nVidia chipset cards, and I wouldn't buy less than a
GeForce4 MX440SE 64M. I also prefer DDR, but that'll cost you more.
But then my needs are likely different. Try my favorite online retailer:

<http://www.newegg.com/>

73
Jim N3VXI

Date: Thu, 22 May 2003 19:48:21 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Cc: <frstbaptistchurch@wyoming.com>
Subject: [151135] Re: icom 706 accessory

Message-ID: <009901c320bc\$a1ae48c0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

There's plans for building one on my web site. Not as nicely packaged as the commercial flavor, but a whole bunch cheaper. (Not that the commercial one is all that steep, 30 or 40 bucks as I recall).

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Dave" <frstbaptistchurch@wyoming.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 22, 2003 11:03 AM
Subject: icom 706 accessory

> looking for the "tune button" add on, to put out a few watts for
> antenna tuning. Who markets it?
>
> thanks
> Dave K8BBM

Date: Thu, 22 May 2003 16:48:51 -0700
From: Jeff Grudin <grudin@vdbbs.com>
To: qrp-l@Lehigh.EDU
Subject: [151136] Re: Miniboats Arrival??
Message-ID: <000001c320bc\$b2a3b700\$6401a8c0@GRUDIN2>
MIME-version: 1.0
Content-type: text/plain; charset=Windows-1252
Content-transfer-encoding: 7BIT

I got mine yesterday. Thanks for getting them out Doug, et al.

73 de AC6KW <mailto:jeff@grudin.net>
Jeff Grudin, DVM Web Add: <http://www.grudin.net>

Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Montgomery 23 Hull #072 Norcal QRP * QRP-L * ARS * AR Qrp

Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (<http://www.grisoft.com>).
Version: 6.0.471 / Virus Database: 269 - Release Date: 4/10/2003

Date: Thu, 22 May 2003 20:05:56 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <w5yr@att.net>
Subject: [151137] Re: [CW] Etiquette question...(now longer)
Message-ID: <00a901c320bf\$16734000\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

George, I disagree with you so often I hate to admit when I do agree, but that was a beautiful reply.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "George, W5YR" <w5yr@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Thursday, May 22, 2003 2:19 PM
Subject: Re: [CW] Etiquette question...(now longer)

> David, one last note from me on this topic and then no more . . .

Date: Thu, 22 May 2003 20:07:35 -0400
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "W3BG Jim Samuels" <W3BG@arrl.net>,
 "K8NI Norm Into" <normk8ni@neo.rr.com>,
Subject: [151138] [CONTEST] N2CQ QRP Contest Calendar May 23-31
Message-ID: <003f01c320bf\$546a2270\$60ea80d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR

May 23-31, 2003  
~~~~~

CQWW WPX Contest (CW) ... QRP Category

May 24 - 0000z to May 25 - 2400z

Rules: <http://home.woh.rr.com/wpx/>
~~~~~

QRP ARCI Hoot Owl Sprint (CW) ... QRP Contest!

May 25 - 2000 to 2400 (Local Time)

Rules: <http://personal.palouse.net/rfoltz/arci/hoot.htm>  
~~~~~

Michigan QRP Memorial Day Sprint (CW) ... QRP Contest!

May 26 - 2300z to May 27 - 0300z

Rules: <http://www.qsl.net/miqrpcclub/>
~~~~~

Great Lakes QSO Party (Ph/CW/Digital) ... QRP Category

May 31 - 0000z to Jun 1 - 2400z

Rules: <http://www.mdxal.org/1ag1qp.html>  
~~~~~

Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others
for assistance in compiling this calendar.

Please foreward the contest info you sponsor to N2CQ@ARRL.NET and
we will post it and give it more publicity.

Anyone may use this "N2CQ QRP Contest Calendar" for your website,
newsletter, e-mail list or other media as you choose.

(Include a credit to the source of this material of course.)

72 de

Ken Newman - N2CQ

N2CQ@ARRL.NET

<http://www.njqrp.org/data/contesting.html>

<http://www.n3epa.org/Pages/Contest/contest.htm>

<http://www.qsl.net/cqrp/contests.html>
~~~~~

Date: Thu, 22 May 2003 20:13:25 -0400

From: Bill Coleman <aa4lr@arrl.net>

To: <kc8aon@juno.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [151139] Re: 4:1 Balun winding info

Message-ID: <20030523001532.MYUF1499.imf56bis.bellsouth.net@[192.168.0.20]>

Mime-Version: 1.0



Content-Type: text/plain; charset="US-ASCII"

On 5/21/03 6:35 PM, Rick McKee at kc8aon@juno.com wrote:

>OK, I've got conflicting replies on this one ! Some folks say I need 10  
>bifilar windings on a mix 2 powdered iron toroid for a 4:1 balun, some  
>say 14 turns,

The number of turns isn't critical! More turns works better for the lower  
bands, less works better for the higher bands.

> some are saying that powdered iron is no good for 4:1  
>baluns and to use ferrite instead,

A single ferrite core isn't appropriate for a 4:1 VOLTAGE balun. Ferrite  
cores work perfect for a CURRENT balun, but you won't get a 4:1  
transformation ration with just one core. (You can use two cores to get a  
4:1 current balun)

> some say I need 2 wires, some say 4  
>wires and some are coming up with mathematical equations that would stump  
>Albert Einstein - I'M MORE CONFUSED NOW THAN I WAS !

2 wires are sufficient.

All this information is available in older editions of the ARRL handbook.  
(Current publications leave out most practical references to voltage  
baluns)

>My toroid is 2.25 inches outside diameter, 1.38 inches inside diameter  
>and 1 inch thick powdered iron mix 2. I want to build a 4:1 balun with  
>it to use in an off center fed (Windom type) antenna for operation on 10  
>thru 80 meters. I know how to wind the balun, and all I need to know is  
>how many turns to use for the mix 2 core I just described.

10 will work great.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 22 May 2003 20:15:07 -0400  
From: Bill Coleman <aa4lr@arrl.net>

To: <w8diz@fpqrp.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151140] Re: 4:1 Balun winding info  
Message-ID: <20030523001718.JSON25988.imf33bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 5/21/03 8:36 PM, w8diz at w8diz@fpqrp.com wrote:

>To wind ANY transformer, be it 1:1 or 4:1, you first need to  
>establish the INPUT and OUTPUT impedance AND the lowest freq  
>of operation.  
>  
>Assuming a 1:1 transformer with the lowest freq of 1800 KHz  
>and an In/Out of 50 ohms, the inductance of the windings  
>should be at least [4 times 50 ohms] or 200 Ohms.

He wants a 4:1 transformer with a Mix 2 core, which would mean a VOLTAGE  
balun. You're giving him rules of thumb for a CURRENT balun.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
-- Wilbur Wright, 1901

-----  
Date: Thu, 22 May 2003 20:18:46 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <nkennedy@tcainternet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151141] Re: 4:1 Balun winding info  
Message-ID: <20030523002052.YCVR1457.imf47bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 5/21/03 11:51 PM, Nick Kennedy at nkennedy@tcainternet.com wrote:

>I think you've got everyone (including me) scratching their heads, because  
>iron powder is pretty much out of favor these days for baluns.

That's because current practice favors CURRENT baluns, not VOLTAGE  
baluns. However, voltage baluns do work, and are appropriate for a mix 2  
core.

> I'd say fit

>as many turns on as you can without crowding or stacking them.

The problem is -- more turns means more capacitive coupling between turns, which reduces the effectiveness of the coil as a transformer, and hence, the balun action.

> That based

>on the fact that the permeability of type 2 is probably a hundredth of a  
>typical ferrite used for a balun. With bifilar windings, the number of  
>turns doesn't affect the ratio, so it's just a matter of getting enough  
>inductance. And if you're going down as low as 80 meters and using the type  
>2 core, you probably need a bunch.

It's impractical to try to build an HF current balun with a mix 2 core. There just isn't enough permeability to work with. The voltage baluns shouldn't require many turns though. 8-12 turns will be plenty.

>To quote something a bit more authoritative ... I build the Ultimate  
>Transmatch from the 1976 Handbook way back then, and it featured a balun  
>made with T200-2 cores. (This was before Lewallen set us all straight on  
>baluns.) Anyway, it says use two stacked T200-2 ferrite cores with 15  
>bifilar turns of #14 teflon coated wire. Of course, that was for a kW.

That's actually a lot of turns.

>Hey, I just noticed an error in the article for the first time ... T-200-2  
>cores aren't ferrite ...

No, they wouldn't be for a VOLTAGE balun.

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net

Quote: "Not within a thousand years will man ever fly!"

-- Wilbur Wright, 1901

-----  
Date: Thu, 22 May 2003 20:21:06 -0400

From: Bill Coleman <aa4lr@arrl.net>

To: <khyberpass65@yahoo.com>,

"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [151142] Re: Antenna category?

Message-ID: <20030523002313.KDJD25988.imf33bis.bellsouth.net@[192.168.0.20]>

Mime-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

On 5/21/03 12:36 PM, Garie Halstead at khyberpass65@yahoo.com wrote:

>Does anyone know of a QRP operating event where stations are not only  
>categorized by their output power but also by their antenna system?

The WPX contest has a TS category (Tribander and Single element antennas), and also recognizes QRP operation.

WPX CW is this weekend! Get on and operate. Oh, and if you hear NQ4I on 160m, give me a call!

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
    -- Wilbur Wright, 1901

-----  
Date: Thu, 22 May 2003 20:35:35 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: "John J. McDonough" <wb8rcr@arrl.net>,  
    "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151143] Re: Dayton Icom Announcement  
Message-ID: <20030523003742.CW0T4718.imf39bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 5/19/03 8:54 PM, John J. McDonough at wb8rcr@arrl.net wrote:

>Clearly, Icom wanted to have the best receiver around in their lineup, and  
>they had the place flooded with 40 dB TOI buttons and tee shirts well before  
>the announcement.

What does 40 dB TOI mean?

>The rig has 2 entire receivers, so you can simultaneously monitor 2 bands,  
>or scan around while waiting for your chance to dive into a pileup. This  
>looks to be a serious contesters rig.

How does it compare with the Ten-Tec Orion? The Orion may knock the K2 off the top of the receiver hilltop, if the dynamic range bears up in ARRL testing. (Ten-Tec claims about a 20 dB edge over the K2) That's for receiver A. Receiver B is a more conventional general coverage design with a 15 kHz roofing filter.

The only thing bad about the Orion in the contesters realm is that both

receivers mute during transmit, which means you can't listen on another band while you are transmitting.

Will the Icom allow this?

Bill Coleman, AA4LR, PP-ASEL                      Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Thu, 22 May 2003 19:53:44 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [151144] Looken for FP #'s  
Message-ID: <002b01c320c5\$c36c32c0\$f374da0c@mchsi.com>

OK all you piggies out there. I'm in a big hurry to catch up with  
Lloyd and I have a long way to go. Anyone want to stop by 7.044 and  
give me a new piggy # ??  
I'll be hangen around for most of the evening either calling or  
listening.  
Please stop by for a minute and say howdy.

Tnx and 72 oo            Jerry            N0JRN  
FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340, RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Wed, 21 May 2003 22:13:34 -0500  
From: Jeffrey L Greer <wd4et@juno.com>  
To: qrp-l@Lehigh.EDU  
Subject: [151145] Re: Mail Call and Small Tubes  
Message-ID: <20030522.195909.-805005.2.wd4et@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

I have really enjoyed this thread. It's hard to beat history and QRP

radio.

73, de Jeff WD4ET, now in SE Texas

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Thu, 22 May 2003 20:10:25 -0500  
From: Jeffrey L Greer <[wd4et@juno.com](mailto:wd4et@juno.com)>  
To: [ki6ds@dph.dpol.net](mailto:ki6ds@dph.dpol.net)  
Cc: [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [151146] Re: NorCal 10th Anniversary Party  
Message-ID: <20030522.201222.-668577.0.wd4et@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit

Congratulations Doug!

You, Jim, Paul, Wayne and others too numerous to mention have played a major role in the continued success of modern amateur radio.

I wish I could be there to help you celebrate.

73 es tn timer, de Jeff WD4ET

-----  
The best thing to hit the internet in years - Juno SpeedBand!  
Surf the web up to FIVE TIMES FASTER!  
Only \$14.95/ month - visit [www.juno.com](http://www.juno.com) to sign up today!

-----  
Date: Thu, 22 May 2003 18:29:29 -0700 (PDT)  
From: Fred Bonavita <[k5qlf@yahoo.com](mailto:k5qlf@yahoo.com)>  
To: [qrp-1@lehigh.edu](mailto:qrp-1@lehigh.edu)  
Subject: [151147] Noise blanker needed  
Message-ID: <20030523012929.54468.qmail@web21402.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

WANTED: A Ten-Tec Model 223A noise blanker for the Argosy I transceiver. Replies directly or to 210-828-1368 before

0300Z daily. Thank you.  
73, Fred, K5QLF, San Antonio..

-----  
Do you Yahoo!?  
The New Yahoo! Search - Faster. Easier. Bingo.  
<http://search.yahoo.com>

-----  
Date: Thu, 22 May 2003 20:31:06 -0500  
From: "Stuart Rohre" <rohre@arlut.utexas.edu>  
To: "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>, <qrp-1@Lehigh.EDU>  
Subject: [151148] Clarifying Thin Net ethernet coax  
Message-ID: <008d01c320ca\$fafbe280\$4e100a0a@rohredt2000>

Thin net ethernet coax is 50 ohm , RG 58 equivalent, NOT RG 59, which is 75 ohm TV coax. There are BNCs made for each cable type, use the RG 58 type if you have true thin net coax. Shrink tubing can be used to further weather seal connectors of the crimp on type.  
-Stuart K5KVH

-----  
Date: Thu, 22 May 2003 21:45:22 -0400  
From: Anthony Luscre K8ZT <aluscre@neo.rr.com>  
To: kb9zuv@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [151149] Re: paddle starting question  
Message-ID: <3ECD7D32.2090308@neo.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1; format=flowed  
Content-Transfer-Encoding: 7bit

For a low cost high quality set of paddles check out K8RA Iambic Paddle  
<http://www.eham.net/reviews/detail/2387?ehamsid=23f3def3199034c17f1fc5b2a75b9432>

Gary Lee wrote:

> Guess its time for me to learn to use paddles. Been using a straight  
> key since my first license in 1977. Need a suggestion for a good  
> starter set of paddles, preferably not real expensive.  
>  
> Priced several at dayton this week and it looks like most go for  
> around \$100.00.

>  
> Anything out there cheaper but good enough to learn on and use on the  
> air?  
>  
> Thanks for the help. I'll also need a cheap keyer for practice.  
>  
>  
>

--

|-----|  
| Anthony A. Luscre  
| K8ZT  
| Stow, Ohio  
|-----|  
| Visit My Website at  
| <http://www.qsl.net/k8zt>  
|-----|

-----  
Date: Fri, 23 May 2003 02:56:48 +0100  
From: Chuck Adams <k7qo@earthlink.net>  
To: aa4lr@arrl.net,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [151150] Re: Dayton Icom Announcement  
Message-ID: <5.2.1.1.0.20030523025245.00b146d0@smtp.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:35 PM 5/22/2003 -0400, Bill Coleman wrote:

>...snip snip...  
>  
>The only thing bad about the Orion in the testers realm is that both  
>receivers mute during transmit, which means you can't listen on another  
>band while you are transmitting.  
>  
>Will the Icom allow this?  
>  
>  
>  
>Bill Coleman, AA4LR

That is an interesting technical issue, isn't it?



1. Are we talking about separate connectors to separate antennas?
2. One connector to a tri-band beam?
3. Could we have both receivers on the same band doing a run with one and S&P with the other?
4. Is there currently another contest rig that does what you want it to?

Inquiring minds wanna know.....

dit dit

Chuck Adams K7QO k7qo@earthlink.net  
<http://www.qsl.net/k7qo> CP-60

-----  
Date: Thu, 22 May 2003 21:12:12 -0500  
From: "Walter AG5P" <walter@accessus.net>  
To: <qrp-l@lehigh.edu>  
Subject: [151151] Re: Miniboats Arrival??  
Message-ID: <005501c320d0\$b9a39de0\$98476ad8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi, mine arrived today, Thursday. NICE!.....have  
one other project to finish so it will be about a week till  
solder is melting!

I like the being able to adjust the drive level for each  
band and the 60 DB below the fundamental for the  
harmonic output makes this another SuperStar kit!

Oh, almost forgot.....Happy 10th Birthday, NorCal.

72 / 73...Walter - AG5P

-----  
Date: Thu, 22 May 2003 22:34:17 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: "Bill Coleman" <aa4lr@arrl.net>

Subject: [151152] Re: Dayton Icom Announcement  
Message-ID: <01db01c320d3\$db1858a0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

----- Original Message -----  
From: "Bill Coleman" <aa4lr@arrl.net>  
Subject: Re: Dayton Icom Announcement

> What does 40 dB TOI mean?

40 dB Third Order Intercept. TOI is a measure of the receiver's ability to tolerate strong signals other than the one you are trying to hear. This is many orders of magnitude better than the best amateur receivers out there.

> How does it compare with the Ten-Tec Orion? The Orion may knock the K2  
> off the top of the receiver hilltop, if the dynamic range bears up in  
> ARRL testing. (Ten-Tec claims about a 20 dB edge over the K2) That's for  
> receiver A. Receiver B is a more conventional general coverage design  
> with a 15 kHz roofing filter.

This isn't a "may knock", this is an entirely different league. The dynamic range was way better than anything else, too, but TOI is a much harder number to get right.

Unless a receiver is clearly marginal, dynamic range almost never enters the picture anymore. If you have a horrible receiver, you will be able to see the dynamic range, but in actual operation, you won't see the difference between "pretty good" and "great" except in the most unusual circumstances. On the other hand, if you compare, say, a 706 to a K2, the K2's better TOI jumps right out at you when the band is crowded.

> The only thing bad about the Orion in the contesters realm is that both  
> receivers mute during transmit, which means you can't listen on another  
> band while you are transmitting.  
>  
> Will the Icom allow this?

Yes. They bragged on about that at the announcement. You can also display one and listen on the other. Seems like they put a lot of stock in the display, but I have to admit not paying close attention to all those features. I'm clearly not going to buy one any time soon.

This rig is clearly aimed at very serious contesters. But it will have a breathtaking price tag, too. So I don't think they will quit making the 756

Pro II anytime soon.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Thu, 22 May 2003 19:38:15 -0700 (PDT)  
From: Nelson Winter <thenels@go.com>  
To: Doug Hendricks <ki6ds@dph.dpol.net>,  
    Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [151153] Re: Miniboosts Arrival??  
Message-ID: <4955883.1053657495921.JavaMail.thenels@gomailjtp01>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

I got a lovely yellow envelope from KI6DS today on the mailbox. It seems to be filled with sufff. Haven't opened it yet though.

Hmmm. What could it be?

-----Original Message-----

From: "Doug Hendricks"<ki6ds@dph.dpol.net>  
To: "Low Power Amateur Radio Discussion"<qrp-l@Lehigh.EDU>  
Date: Thu May 22 13:47:30 PDT 2003  
Subject: Miniboosts Arrival??

>Has anyone gotten their Miniboosts kit yet? Who will be the first to get one  
>on the air??? 72, Doug  
>

Less = More  
<http://www.qsl.net/wb6dwd/>  
RM-40/30/20  
QRP-L #2482

-----  
GO.com Mail  
Get Your Free, Private E-mail at <http://mail.go.com>

-----  
Date: Thu, 22 May 2003 22:08:01 -0500

From: David Gauding <david.gauding@bbs.galilei.com>  
To: qrp-l@lehigh.edu  
Subject: [151154] Re: NorCal 10th Anniversary Party  
Message-ID: <5.1.1.6.0.20030522213904.009fbb30@bbs.galilei.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

It's hard to believe NorCal has reached it's 10th already. Amateurs contributing to the club's success know exactly what was accomplished as well as what it took to get there. The first decade has been very special and reflects remarkable contributions to our hobby.

In leadership rolls, Jim Cates and Doug Hendricks have brought vision, creativity and decision quality to what at times appears to be a thankless job. The clubs volunteer's continue to provide amazing expertise coupled with sheer hard work. Amateur radio, QRP and homebrew are so much better for this success story. Many thanks to everyone involved.

de Dave, NF0R      nf0r@slacc.com

-----  
Date: Thu, 22 May 2003 22:35:31 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: "John J. McDonough" <wb8rcr@arrl.net>,  
      "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [151155] Re: [CW] Etiquette question...(now longer)  
Message-ID: <027801c320dc\$5d5680f0\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Thanks, John, but I was unaware of any disagreements that we had. Maybe you can send me a private email and tell me where I've messed up! >:}

I hated to sound like I was tearing David a new one, but he is just plain off base with his comments and I felt that he deserved a responsible answer on behalf of QRPers.

I must have said a few right things based upon the Attaboys that have come in.

73/72, George  
Amateur Radio W5YR - the Yellow Rose of Texas  
Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"  
<mailto:w5yr@att.net>

----- Original Message -----

From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, May 22, 2003 7:05 PM  
Subject: Re: [CW] Etiquette question...(now longer)

> George, I disagree with you so often I hate to admit when I do agree, but  
> that was a beautiful reply.

>

> 72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
> didileydadidah QRP-L #1446 Code Warriors #35

>

> ----- Original Message -----

> From: "George, W5YR" <w5yr@att.net>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Thursday, May 22, 2003 2:19 PM  
> Subject: Re: [CW] Etiquette question...(now longer)

>

>

> > David, one last note from me on this topic and then no more . . .

>

-----  
Date: Thu, 22 May 2003 23:46:03 -0500

From: "George, W5YR" <w5yr@att.net>

To: <rattray@gpfn.sk.ca>,

"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [151156] Re: Fox - Summer Fox Hunt -

Message-ID: <037901c320e6\$37971140\$0401a8c0@PS>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I keep trying to get a Tornados team together, Bruce, but can only persuade four guys to play radio. Seems like a crying shame when the standing national champs cannot field a team for another series of Hunts.

Most feel that the day and time rules them out due to other obligations. We shall see . . .

But the old Yellow Rose will be in knocking heads with all those Hounds!

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Bruce Rattray" <rattray@gpfn.sk.ca>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Thursday, May 22, 2003 12:51 PM

Subject: Fox - Summer Fox Hunt -

>

> So far, no Teams have come forward for the Summer Fox Hunt...I know the  
> "Raiders of the Lost RF" have decided to take the summer off and come back  
> for the Winter hunt...

>

> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272

> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -

> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -

> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

>

>

-----  
Date: Thu, 22 May 2003 23:21:46 -0600

From: "R. Neil Federspiel" <neil.federspiel@RNFAssociates.com>

To: <qrp-l@Lehigh.EDU>

Subject: [151157] RE: 50-ohm coax - "plenum"

Message-ID: <009701c320eb\$3805bf50\$85cdb8a1@RNFToshiba>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="US-ASCII"

Content-Transfer-Encoding: 7bit

Two cable types that meet the ethernet 10BASE2 (Thin Net) specs are RG58A/U and RG58C/U. So not only is the cable very much like RG58, Thin Net is typically an RG58 cable.

73 de VE6RNF, Neil

-----Original Message-----

From: owner-qrp-1@Lehigh.EDU [mailto:owner-qrp-1@Lehigh.EDU] On Behalf Of Mark Andrews

Sent: May 22, 2003 12:11 PM

To: Low Power Amateur Radio Discussion

Subject: Re:50-ohm coax - "plenum"

Actually, Thinnet has been pass for many years now. I can't think of any thinnet installations I've worked for/at in the last 10 years. So if you find some that is being pulled and replaced by Cat 5 (or better), ask how long it has been in the walls/ceilings, etc. Most of it won't have been subjected to a tremendous amount of stress since it was used in interior spaces. However occasionally it will have been run through attics or basements where conditions could have caused it to deteriorate significantly.

As for BNC connectors, since that is how thinnet connected at its terminating points, finding the right size BNC shouldn't be a problem. I think this cable is referred to as RG-59, so get connectors that will fit RG-59 and all will be well. I still have a heavy duty Paladin ratcheting crimping tool just for these connectors; it doesn't get much use anymore. \_\_\_\_\_ Mark A. Andrews, KE4MA

"You can't reason a person out of a position that the person wasn't reasoned into in the first place"

----- Original Message -----

From: "Glen Leinweber" <leinwebe@mcmail.cis.mcmaster.ca>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Thursday, May 22, 2003 11:47 AM

Subject: Re:50-ohm coax - "plenum"

> Seems that Ethernet installations are moving to twisted pair from  
> coax. So this "thinnet" 50 ohm coax is likely to become available -  
> watch out for it.  
>

-----  
Date: Fri, 23 May 2003 04:56:18 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: Henry Freedenberg <henryf@quartz.gly.fsu.edu>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [151158] Re: Screwdriver Antenna  
Message-ID: <Pine.LNX.4.44.0305230443110.1467-1000000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Henry, running the wires from the back to the engine compartment is just a chore. Then I need to get them into the cab and that is a big problem. It looks like the hood release cable hole can be made larger and the cables from the antenna will go in and the heavy battery cables from the rig to the battery can pass out to the engine area.

For rain protection you cut the neck off a plastic bottled water thing and make a hole in the center of the bottom and hold it in place with the whip where it screws into the antenna.

On Thu, 22 May 2003, Henry Freedenberg wrote:

> OK...I'm definitely interested in the final result.  
>  
> Henry  
>  
> On 22 May 2003 at 4:59, Karl F. Larsen wrote:  
>  
> >  
> > Hi Henry will do AFTER I find out if it works. There is still  
> > wires to be run. Maybe next week.  
> >  
> >  
> > On Wed, 21 May 2003, Henry Freedenberg wrote:  
> >  
> > > Hey Karl  
> > >  
> > > Take some pix and put them on a web page somewhere  
> > >  
> > > Henry  
> > >  
> > > On 21 May 2003 at 18:41, Karl F. Larsen wrote:  
> > >



> > > >  
> > > > Today Weaver's Welding had me by and they welded the rig I  
> > > > designed made from 1/4 inch steel was welded under my Dodge  
> > > > Durango and a 2 inch steel U sticks up 2 feet. The antenna needs  
> > > > to be insulated from ground. So I bought a foot of 2 inch white  
> > > > plastic pipe and with my miter saw cut 2 3/4 inch wide circles of  
> > > > this pipe. Cut them so they can expand over the 2 inch tube that  
> > > > is the antenna. Then I slipped these over some small screws at the  
> > > > end of the bottom of the Antenna and then held the antenna by use  
> > > > of 4 inch stainless steel hose clamps at the very top and bottom  
> > > > of the 2 foot steel U. This cost \$45.00 which was very reasonable!  
> > > > I bought some primer paint, masked the Durango from the spray and  
> > > > painted the rig. Then after Lunch I painted again with the paint  
> > > > that is a perfect match to the Durango's Forest Green.

> > > >  
> > > > Then added the 8 foot stainless whip that makes the top of the  
> > > > antenna. I will need to shorten this a little to reach 10 meters  
> > > > with no inductor added.

> > > >  
> > > > Next chore will be to find a 3 wire cable to wire the  
> > > > screwdriver control wires to my fingers while driving. And some  
> > > > coax to get the antenna to the transmitter.

> > > >  
> > > > --

> > > >  
> > > > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

> > > >  
> > > >

> > >  
> > >  
> > >

> >  
> > --

> >  
> > - Karl Larsen k5di Las Cruces,NM Az ScQRPions -

> >  
> >

>  
>  
>

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- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----

Date: Fri, 23 May 2003 05:39:15 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [151159] Re: Dayton Icom Announcement  
Message-ID: <Pine.LNX.4.44.0305230519530.1467-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, I'm having trouble finding TOI in the ARRL expanded test of the FT-817. I see the Inband Receiver IMD Test and it sounds like what your talking about. It is 2 signal generators entering the reciver to cause a 900 and 1100 Hz tone.

But the phrase 40 DB TOI doesn't transfer any information to me. If you look at the IMD Test you see they present an audio spectrum analysis where both signals are 59+40DB and the FT-817 has mixer products about down 20 to 25 DB. Are you saying the Icom will have mixer products down 40 DB?

If this is the case then yes Icom has done something very new. But if 40 DB TOI means something else, then the ARRL Lab isn't measuring it. The Second Order Intercept is called Dynamic Range. The FT-817 has about 100 DB dynamic range.

On Thu, 22 May 2003, John J. McDonough wrote:

> ----- Original Message -----  
> From: "Bill Coleman" <aa4lr@arrl.net>  
> Subject: Re: Dayton Icom Announcement  
>  
>  
> > What does 40 dB TOI mean?  
>  
> 40 dB Third Order Intercept. TOI is a measure of the receiver's ability to  
> tolerate strong signals other than the one you are trying to hear. This is  
> many orders of magnitude better than the best amateur receivers out there.

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----

Date: Fri, 23 May 2003 07:55:11 -0400  
From: Bill Coleman <aa4lr@arrl.net>  
To: <k7qo@earthlink.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151160] Re: Dayton Icom Announcement  
Message-ID: <20030523115717.TBQ17201.imf43bis.bellsouth.net@[192.168.0.20]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

On 5/22/03 9:56 PM, Chuck Adams at k7qo@earthlink.net wrote:

>That is an interesting technical issue, isn't it?

>

>1. Are we talking about separate connectors to separate antennas?

Absolutely.

>2. One connector to a tri-band beam?

Not impossible, but extremely difficult. Basically, you'd need bandpass filters with > 100 dB of isolation, capable of handling 150 watts or more. The filters would likely be larger than the radio.

>3. Could we have both receivers on the same band doing a run with one  
> and S&P with the other?

Not impossible, but again, very difficult. Most in-band setups I'm aware of mute both receivers.

Practically speaking, two radios on the same band with physically separated antennas is possible, but within a few kHz of the transmitting frequency, the receiver is substantially degraded. A lot depends on the purity of the transmitter (eg phase noise), and the rejection capability of the receiver.

In-band receive has been around for a long while. The FT-1000 series has it, and even the old TenTec Omni-D could do it (with the optional VFO). This is handy for monitoring both frequencies when working split.

>4. Is there currently another contest rig that does what you want it to?

NO! In contest parlance, this is called S02R operation (Single Operator, 2 Radio). Although only one transmitter is necessary, since it is only used on one radio at a time.

The idea is to let the operator S & P while he is CQing on the main radio. For that reason, it is important to be able to receive while transmitting, usually on a different band.

The FT-1000D has a second receiver, but, like the Orion, it is muted during transmit. Otherwise, it might be possible to do S02R in one box.

Bill Coleman, AA4LR, PP-ASEL            Mail: aa4lr@arrl.net  
Quote: "Not within a thousand years will man ever fly!"  
      -- Wilbur Wright, 1901

-----  
Date: Fri, 23 May 2003 08:21:17 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Karl F. Larsen" <k5di@zianet.com>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [151161] Re: Dayton Icom Announcement  
Message-ID: <00eb01c32125\$d1870820\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
              charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl

I don't recall what ARRL calls it, but here's a comparison chart from Adventure radio:

[http://www.natworld.com/ars/pages/back\\_issues/2001\\_text/0301\\_text/817\\_3ip.html](http://www.natworld.com/ars/pages/back_issues/2001_text/0301_text/817_3ip.html)

You can see that +40 is a whole different animal. Somewhere in the ARS Sojourner archives is a detailed description of each of the tests, but I couldn't find it quickly. Also I seem to remember them having some more tests of other rigs, in particular I think the 756 Pro was somewhat poorer than the 1000MP, but the Pro II was close or barely better. Based on my ear (no measurements), the 706 is pretty similar to a K1, maybe a tad better, but in operation, the NC-20 is quite a bit better than the K1, so there is some other spec coming into play there, probably second order IMD ([http://www.natworld.com/ars/pages/back\\_issues/2001\\_text/0301\\_text/817\\_2dr.html](http://www.natworld.com/ars/pages/back_issues/2001_text/0301_text/817_2dr.html)).

I did grab out the flyer and counted the controls, my wife wasn't all that far off. Counting the concentric controls as 2, there are 114 controls on the face of this monster, compared to 19 for a 706, and 9 for a K1. Some of that is due to separate controls for the 2 receivers, including knobs for most of the DSP controls and the twin PBT. It's so complicated they felt

compelled to include a CF card slot to store the settings. (Useful for a multiop contest). Unfortunately, the flyer doesn't have a lot of receiver specs in it (remember this is a pre-announcement). They made quite a big deal over the TOI, but the slides also bragged on about some of the other specs, this tired old brain didn't record all of them.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, May 23, 2003 7:39 AM  
Subject: Re: Dayton Icom Announcement

>  
> Hi John, I'm having trouble finding TOI in the ARRL expanded test of the  
> FT-817. I see the Inband Receiver IMD Test and it sounds like what your  
> talking about. It is 2 signal generators entering the reciver to cause a  
> 900 and 1100 Hz tone.  
>  
> But the phrase 40 DB TOI doesn't transfer any information to me.  
> If you look at the IMD Test you see they present an audio spectrum  
> analysis where both signals are 59+40DB and the FT-817 has mixer  
> products about down 20 to 25 DB. Are you saying the Icom will have mixer  
> products down 40 DB?  
>  
> If this is the case then yes Icom has done something very new.  
> But if 40 DB TOI means something else, then the ARRL Lab isn't measuring  
> it. The Second Order Intercept is called Dynamic Range. The FT-817 has  
> about 100 DB dynamic range.  
>  
>  
>  
> On Thu, 22 May 2003, John J. McDonough wrote:  
>  
> > ----- Original Message -----  
> > From: "Bill Coleman" <aa4lr@arrl.net>  
> > Subject: Re: Dayton Icom Announcement  
> >  
> >  
> > > What does 40 dB TOI mean?  
> >

> > 40 dB Third Order Intercept. TOI is a measure of the receiver's ability to  
> > tolerate strong signals other than the one you are trying to hear. This is  
> > many orders of magnitude better than the best amateur receivers out there.  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>

-----  
Date: Fri, 23 May 2003 08:18:47 -0500  
From: "Jerry Ford" <benlightnd13@mchsi.com>  
To: "qrp-l" <qrp-l@lehigh.edu>, "FPigs" <fpqrp-l@mpna.com>  
Subject: [151162] Calling all piggies:  
Message-ID: <00df01c3212d\$d871fde0\$f374da0c@mchsi.com>

Hey gang: I've got one day left before all the contest start this weekend and take over the bands. Sure would like to pick up a few more piggy numbers before that happens.  
Anyone got a minutes to stop by 7.044 this morning and say howdy??

I sure could use a few more contacts!!

Thanks and 73 to the gang: Jerry N0JRN  
FP # 546, ARS # 923, ARCI # 11049, ARRL,  
Springfield, Mo. <http://home.mchsi.com/~n0jrn/>  
MP + # 8, K 1 # 608, SW 20 +, TT 1340, RM 20 &  
40, Tiny Tornado 20, 30, 40, 80, SMK - 1  
and so on and so on

-----  
Date: Fri, 23 May 2003 08:13:56 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,  
Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [151163] Birthday Greetings!  
Message-ID: <Pine.LNX.4.33.0305230812001.3513-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Happy 10th Birthday NorCal from the 260 members of QRP-Canada!!

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

-----  
Date: Fri, 23 May 2003 10:31:13 -0400  
From: Kfivebgb@aol.com  
To: qrp-l@lehigh.edu  
Subject: [151164] Re: NorCal 10th Anniversary  
Message-ID: <4538921C.23693B0D.007818E0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit

Doug:

Just wanted to tip my hat to you and all the others on the 10th Anniversary of NorCal. I can't think of another group who have made such great contributions not only to the QRP world, but ham radio in general.

Thanks a million...Keep up the good work...Long live NorCal!

72,

Rod  
K5BGB

-----  
Date: Fri, 23 May 2003 07:39:17 -0700  
From: "Bill Jones" <kd7s@psnw.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151165] New Issues of QRPP  
Message-ID: <000e01c32139\$17ee1fc0\$5343f842@RadioRoom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Friends,

I received the Winter, 2002 and Sprint, 2003 issues of QRPP in yesterday's mail. Doug Hendricks outdid himself by featuring a three part article by Paul Harden, NA5N on MOSFET "switched mode" amplifiers. Parts 1 and 2 describe how switched mode amplifiers work and how to evaluate their performance. Part three (upcoming issue) will describe two complete construction projects: the NA5N Class D and Class E transmitters. These are "must read" articles if you are the least bit interested in how these amplifiers work.

Not to be outdone, there are other articles every bit as informative and well written as Paul's, but on other subjects .... especially antennas.

I would like to offer a sincere "thank you" to KI6DS and NA5N for yet another outstanding contribution to the QRP community.

=====  
Bill Jones KD7S <><  
<http://www.psnw.com/~kd7s>  
Sanger, California  
=====

-----

Date: Fri, 23 May 2003 09:54:00 -0500  
From: Jim Giammanco <giamman@rouge.phys.lsu.edu>  
To: Michael Warren <MWarren@irvingisd.net>  
Cc: qrp-l@lehigh.edu  
Subject: [151166] Re: CW Adapter for HTX-10  
Message-ID: <3.0.1.32.20030523095400.00871100@baton.phys.lsu.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 09:10 AM 5/23/03 -0500, Michael Warren <MWarren@irvingisd.net> wrote:  
>Hi!!!  
>This is ka5rej, Michael Warren, at the F.M. Gilbert Elementary School in  
>Irving, Texas.  
>I am attempting to put together a simple HF station in my Special Education  
>classes. I have a Radio Shack THX-10. We need a CW adapter (Altoid tin).  
>Could you tell me were I could purchase the CW adapter.

I'm afraid it's only a set of instructions to build one as seen at  
<<http://www.qsl.net/n5ib/page2.html>> and it hasn't been kitted as far as I  
know. But I'm copying this message to a group of QRP enthusiasts and one or  
more may get in touch with you, possibly to arrange to build one for you.

73  
Jim N5IB



-----  
Date: Fri, 23 May 2003 11:22:49 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: w5xe@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>  
Subject: [151167] Re: QST article  
Message-ID: <3ECE3CC9.2E0C87E1@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

ay,

Thanks for the nice thoughts about my article. I wrote it because there seems to be a lot of confusion on this list about what works and what doesn't. The point I was trying to make was that unless we are blessed with a Texas sized ranch, anything we put up as a compromise! We'd better learn how to work with them. The fact is that a compromise antenna can be made to work almost as well as a perfect Texas sized antenna!

73

-----  
Date: Fri, 23 May 2003 10:43:32 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: <k5di@zianet.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [151168] Re: Dayton Icom Announcement  
Message-ID: <006701c32142\$123bc150\$0401a8c0@PS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl, it stands for "Third Order Intercept" or IP3 in short. It is a very basic and fundamental performance parameter that ARRL Labs finds for each receiver they test. Its value is calculated from several other performance parameters as described on page 59 of the ARRL Lab Test Procedures Manual..

The IC-7800 is claimed to have an IP3 of 40 dBm, equivalent in power to ten watts. I think that the PR02 has about a +20 dBm IP3 and the new ORION

claims something around +25 dBm.

As you know, the higher the IP3, the less likely the receiver is to have problems with either large single signals or combinations of large signals.

A +40 dBm IP3 is the sort of value that you find on \$30K+ commercial receivers, not amateur radios. Of course, the value depends upon the spacing between two test signals when IP3 is measured/calculated. As the spacing decreases, so does IP3. Icom has not revealed at what test signal spacing the 40 dBm value applies.

The text of the entire Lab procedures manual is available for download from the ARRL website. Lots of interesting reading.

73/72, George

Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

"In the 57th year and it just keeps getting better!"

<mailto:w5yr@att.net>

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Friday, May 23, 2003 6:39 AM

Subject: Re: Dayton Icom Announcement

>

> Hi John, I'm having trouble finding TOI in the ARRL expanded test of the  
> FT-817. I see the Inband Receiver IMD Test and it sounds like what your  
> talking about. It is 2 signal generators entering the reciver to cause a  
> 900 and 1100 Hz tone.

>

> But the phrase 40 DB TOI doesn't transfer any information to me.  
> If you look at the IMD Test you see they present an audio spectrum  
> analysis where both signals are 59+40DB and the FT-817 has mixer  
> products about down 20 to 25 DB. Are you saying the Icom will have mixer  
> products down 40 DB?

>

> If this is the case then yes Icom has done something very new.  
> But if 40 DB TOI means something else, then the ARRL Lab isn't measuring  
> it. The Second Order Intercept is called Dynamic Range. The FT-817 has  
> about 100 DB dynamic range.

-----  
Date: Fri, 23 May 2003 12:20:42 -0400  
From: Ed Tanton <n4xy@earthlink.net>  
To: qrp-L Reflector <qrp-l@lehigh.edu>,  
noga reflector <nogaqrp@mailman.qth.net>  
Subject: [151169] Fwd: Pictures of Earth ... from Mars  
Message-ID: <5.2.0.9.2.20030523121941.024fd310@pop.earthlink.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

>Date: Thu, 22 May 2003 15:12:02 -0500  
>Subject: Pictures of Earth ... from Mars  
>To: "NASA Science News" <snglist@snglist.msfc.nasa.gov>  
>From: NASA Science News <snglist@snglist.msfc.nasa.gov>  
>  
>  
>NASA Science News for May 22, 2003  
>  
>NASA's Mars Global Surveyor spacecraft turned away from the red planet for  
>a while on May 8th and took a unique picture of Earth from Mars-orbit.  
>This first-ever image of its kind not only shows our home planet as a tiny  
>alien world in the vast darkness of space, but also includes Earth's moon  
>and a view of the giant planet Jupiter.  
>  
>FULL STORY at  
>  
>[http://science.nasa.gov/headlines/y2003/22may\\_alienearth.htm?list839287](http://science.nasa.gov/headlines/y2003/22may_alienearth.htm?list839287)  
>  
>  
>  
>Home page: <http://science.nasa.gov>

72/73 Ed Tanton N4XY <n4xy@earthlink.net>

Ed Tanton N4XY  
189 Pioneer Trail  
Marietta, GA 30068-3466

website: <http://www.n4xy.com>

All emails <IN> & <OUT> checked by  
Norton AntiVirus with AutoProtect

LM: ARRL QCWA AMSAT & INDEXA;  
SEDXC NCDXA GACW QRP-ARCI

OK-QRP QRP-L #758 K2 (FT) #00057

-----  
"He that gives up a little liberty to gain  
temporary security will lose both and  
deserve neither".

--Benjamin Franklin

"Suppose you were an idiot ...  
and suppose you were a member of  
Congress... but I repeat myself."

--Mark Twain  
-----

-----  
Date: Fri, 23 May 2003 12:3:7 -0500  
From: "Doc K0EVZ" <dock0evz@earthlink.net>  
To: "qrp-l reflector" <qrp-l@lehigh.edu>,  
"Ten-Tec Relector" <tentec@contesting.com>  
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>  
Subject: [151170] Wanted = TT-405 amp  
Message-ID: <41200355231737858@earthlink.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII

Friends:

Looking for a Ten Tec 405 amplifier in good condition. If you have one you  
will sell, please let me know ASAP. Thanks in advance.

73,  
--Doc/K0EVZ

-----  
Date: Fri, 23 May 2003 13:13:55 -0700  
From: John Payne <paynej1@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,

bshort4@cox.net  
Subject: [151171] Re: OT: Building the "Cheap" PC  
Message-ID: <SNA7ZTSMQN2ZIFHF64LI9XRNMLWTQ.3ece8103@john>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

5/22/03 3:04:40 PM, Brian Short <bshort4@cox.net> wrote:

>I finally got a chance to assemble the inexpensive computer  
>mentioned earlier.

>

> <http://www.k7on.com/computers/computer/>

>

<SNIP>

Hi Brian and all:

I have often used Thompson Computer Warehouse Outlect <http://www.tcwo.com> and find good prices and reasonable shipping. They often have shipping for a small flat fee, even on monitors, up to a limit (I think 150 lb), and I have gotten good service. They have a GeForce 2 MX400 64 meg AGP card for \$41.00. I am quite happily using a similar card in my Athlon 1.4 gig system.

No financial interest yadda-yadda-yadda... just a satisfied customer.

73 de John N4FLJ

"The real proof that there is intelligent life in outer space is that they haven't come here."

-----  
Date: Fri, 23 May 2003 11:23:43 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [151172] Fox - Summer Fox Hunt - (fwd)  
Message-ID: <Pine.LNX.4.33.0305231122250.16152-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

We have Wayne, K9DI looking to join a Summer fox hunt team...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -

- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----

Date: Fri, 23 May 2003 06:21:16 +0000  
From: Wayne K9DI <k9di@k9di.org>  
To: Bruce Rattray <rattray@gpfn.sk.ca>  
Subject: Re: Fox - Summer Fox Hunt -

Hi Bruce,

Wayne K9DI es LD Sequoia here. can U give me more details of  
the Summer Fox Hunts? Also, do U know of a team looking for a member.,  
if so I'm a team player looking for a team...:)

73

de

Wayne K9DI

--

Sincerely and Respectfully Yours

Wayne M. Scace

ARS K9DI

LICQ 315313

k9di@k9di.org

"QRP: Striding Boldly into Amateur Radio's future"

-----  
Date: Fri, 23 May 2003 11:25:58 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Low Power Group <qrp-l@LeHigh.EDU>  
Subject: [151173] Fox - Summer Fox Hunt - (fwd)  
Message-ID: <Pine.LNX.4.33.0305231124160.16152-100000@neale.gpfn.sk.ca>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

We have Michael looking for a Team for the Summer fox hunt...Michael took  
part in the last Winter fox hunt and has a beam plus a new rig ready...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

----- Forwarded message -----

Date: Thu, 22 May 2003 22:33:12 -0600  
From: Michael Taddeo <mike.taddeo@shaw.ca>  
To: rattray@gpfn.sk.ca  
Subject: Re: Fox - Summer Fox Hunt -

Hi Bruce.

Although I never did all that well last set of Foxhunt as it was my first time. I did enjoy and looked forward to Thursday's. I would be interested in being on a team. I am not that good nor will I pretend to be but I enjoy this and would look forward to participating. 20m would work very well for me with my beam as well and I bought a new rig mainly for CW. If you know of anyone short on a team I would be happy to give it a whirl.

Thanks  
Mike  
va6mjt

Bruce Rattray wrote:

> So far, no Teams have come forward for the Summer Fox Hunt...I know the  
> "Raiders of the Lost RF" have decided to take the summer off and come back  
> for the Winter hunt...  
>  
> ..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272  
> A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -  
> - VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -  
> "QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

--

-----  
Michael Taddeo  
mike.taddeo@shaw.ca  
ICQ# 221086  
VA6MJT  
HTTP://www.apothecarytech.ca/va6mjt  
-----

-----  
Date: Fri, 23 May 2003 13:28:40 -0400  
From: "Lee Mairs" <lmairs@direcway.com>  
To: <w6toy@erols.com>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151174] Re: QST article

Message-ID: <003101c32150\$c43edbe0\$3b6d020a@boomer>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bruce -

One error below. If we had a Texas sized ranch and 1500 foot towers, we would want 1600 foot towers and 7 more elements per array!

(;>o)

73 de Lee

km4yy/8

----- Original Message -----

From: "Bruce Muscolino" <w6toy@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, May 23, 2003 11:22 AM  
Subject: Re: QST article

> ay,

>

> Thanks for the nice thoughts about my article. I wrote it because there  
> seems to be a lot of confusion on this list about what works and what  
> doesn't. The point I was trying to make was that unless we are blessed  
> with a Taxes sized ranch, anything we put up os a compromise! We'd  
> better learn how to work with them . The fact is that a compromise  
> antenna can be made to work almost a s well as a perfect Texas sized  
> antenna!

>

> 73

>

-----  
Date: Fri, 23 May 2003 17:54:25 +0000  
From: "Tom Dufresne" <tdufres@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [151175] Re: CW Adapter for HTX-10  
Message-ID: <BAY1-F32fTYS11q4gto00034dd8@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Jim:

Following your instructions, I put one together. Mine didn't fit in a



Altoids tin, I used a Radio Shack project box.  
Here is the link to my website where I describe it.  
<http://home.neb.rr.com/tdufres/coder.html>  
Works FB, it was a lot of fun to build and operate.  
Tom

>  
>I'm afraid it's only a set of instructions to build one as seen at  
><<http://www.qsl.net/n5ib/page2.html>> and it hasn't been kitted as far as I  
>know. But I'm copying this message to a group of QRP enthusiasts and one or  
>more may get in touch with you, possibly to arrange to build one for you.  
>  
>73  
>Jim N5IB  
>  
>

---

Tired of spam? Get advanced junk mail protection with MSN 8.  
<http://join.msn.com/?page=features/junkmail>

---

Date: Fri, 23 May 2003 13:03:29 -0500  
From: Chuck Carpenter <[w5usj@9plus.net](mailto:w5usj@9plus.net)>  
To: <[fpqrp-l@fpqrp.com](mailto:fpqrp-l@fpqrp.com)>, [qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu),  
    [Rock-Mite\\_Group@yahoo.com](mailto:Rock-Mite_Group@yahoo.com)  
Subject: [151176] Rock-Mite goes Oink Oink  
Message-ID: <3.0.2.32.20030523130329.00816b40@mail.9plus.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Well, I had to try it.

I was able to stretch one of the 7042 crystals I got from Expanded Spectrum Systems up to 7044 and just worked Jerry, N0JRN, with it. Jerry dug me out of the mud and made the QSO. Not bad for 500 mW on this end in the daytime.

<http://www.expandedspectrumsystems.com/prod4.html>

First piggie QSO with a Rock-Mite?

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1  
QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57  
Zombie #759, COG #11, 6 Club #201, FP #601      <http://www.netxqrp.org>

---

Date: Fri, 23 May 2003 14:07:14 -0400  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [151177] The fairy godmother waves her magic wand...  
Message-ID: <5.1.1.6.1.20030523135421.00a72090@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Folks,

Strange unseen forces have been on the move, and today I find that after years of working in the cubicle warren (a.k.a. "dumtser number 3"), I've been assigned a second-floor office. With a door. AND A WINDOW! A real, live, slide it open and smell the locomotive exhaust window! (We're next to the tracks.) I also have a lovely view of the 3-phase power feed coming into the plant, complete with fuses and warning signs.

I had resigned myself to radiating from the parking lot during lunch, but this opens up new possibilities. Maybe one of those little apartment antennas B&W sells. (Like the one I threw away 10 years ago. <kick...kick...kick...>) I've got the FT-817, and in my business it's not unusual for me to have various odd pieces of test equipment in my office. If one looks like a radio, well...

Actually, I have a PAC-12 antenna half built. This looks like the "round tuit" I needed to finish it.

Pardon me... I need to move some furniture before the bosses change their minds.

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Fri, 23 May 2003 14:22:57 -0400  
From: "Dean-NR2V/4" <nr2v@northnet.org>  
To: <qrp-l@lehigh.edu>  
Subject: [151178] Ot: Stripping the outer insulation from Telephone wire?  
Message-ID: <002801c32158\$55cc31f0\$03fea8c0@deanlaptop>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="us-ascii"

Content-Transfer-Encoding: 7bit

Anybody have any hints/kinks on stripping the outer sheath off from 4 conductor , run of the mill, telephone hookup wire?

I have a large roll and want to make some stealth radials for a vertical to use for the weekend. My methods are not working for stripping 25-40 ft lengths.

Thanks& 72/73 Dean

-----  
Date: Fri, 23 May 2003 12:26:41 -0600  
From: na5n@zianet.com  
To: qrp-1@lehigh.edu  
Subject: [151179] Antenna URL update  
Message-ID: <20030523182641.22334.qmail@klaatu.zianet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed; charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,  
I've scarcely been at my computer since posting the antenna URL. A little finger dysflexia caused a poor link. My apologies.  
The correct URL for the ALMA dish antenna webcams is:  
<http://www.tuc.nrao.edu/~jmangum/alma/atf/almacam.shtml>

If the link doesn't work, it could also be due to our anti-spamming stuff blocking your ISP from accessing our system files directly.  
In that case, use:  
<http://www.tuc.nrao.edu/~jmangum/alma/atf>

An overall photo of the site is shown. You can then try to click on the link below "watch erection of ALMA antennas" and see if you can enter it that way. That page will have four webcam photos simulateously.

Have a nice weekend, everyone, especially those of you who have a 3-dayer.

72, Paul NA5N

-----  
Date: Fri, 23 May 2003 11:22:04 -0700

From: Randy Foltz <rfoltz@turbonet.com>  
To: qrp1\_post <qrp-1@lehigh.edu>  
Subject: [151180] QRP ARCI Contest Web Page  
Message-ID: <3ECE66CC.862235E@turbonet.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I've reorganized the QRP ARCI Contest Web pages starting  
with the home page  
<http://personal.palouse.net/rfoltz/arci/arcitst.htm>

>From this page you can find rules and past scores back to  
1999 or 2000 for all of the QRP ARCI sponsored contests. For  
2003 that will be 8 contests.

For the Spring and Fall QSO Parties there are the all time  
high scores by SPC, power level, band, and finishing  
position.

The High Claimed Score form,  
<http://personal.palouse.net/rfoltz/arci/form.htm> , the High  
Claimed Score page,  
<http://personal.palouse.net/rfoltz/arci/highclm.htm> , and  
the Soapbox page,  
<http://personal.palouse.net/rfoltz/arci/soapbox.htm> are  
still at the old locations.

Don't forget that Sunday is the Hoot Owl Sprint from 8 pm in  
your time zone to midnight in your time zone. N4BP may be  
so worn out from the WPX that some one else might take first  
place!

After you've finished the contest, use the High Claimed Form  
to brag about your results.

--  
73,  
Randy, K7TQ  
Moscow, ID  
QRP ARCI Contest Chairman

-----  
Date: Fri, 23 May 2003 16:33:46 -0400 (Eastern Daylight Time)  
From: "Lawrence Makoski" <Makos327@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [151181] Suggestions for QRP carrying cases?

Message-ID: <3ECE85AA.000003.00572@larry-sahyqy001>

MIME-Version: 1.0

Content-Type: Text/Plain

Content-Transfer-Encoding: quoted-printable

Hello to all on the list !=0D

=0D

I need to pick your brains for a moment. The other week I finished constructing an OHR Classic that I had for years; but never built, until = now

Anyway, it's up and running and I've been operating from my car in the parking lot at work during lunch. It get me out of the office for a few minutes and it's fun besides!=0D

=0D

Anyway, I have been carrying the Classic, an Emtech ZM 2 tuner and an OHR WM1 (along with battery, key and cables) in a gym bag in the back of my Ford

Explorer. Today, I got the idea that instead of a gym bag; it might be nice

to have something more "cushiony" that would protect all these kits that = I

so lovingly built. =0D

=0D

What do you guys use; if anything, for carrying your stuff around? I was thinking of something hard plastic and filled with a blank foam insert that

I could make cut-outs to cradle this stuff would be nice; but I have no idea

where to even start looking. Also, the cheaper the better! I'm in the process of saving up for an OHR 500 for the shack; and I want to divert as

little of those funds as possible.=0D

=0D

So .... I'm looking for ideas from the experts - my fellow QRP Hams on the

list. Thanks in advance for your ideas.=0D

=0D

73 de Larry W2LJ=0D

<http://www.qsl.net/w2lj>

-----  
Date: Fri, 23 May 2003 14:46:57 -0600 (MDT)

From: "Karl F. Larsen" <k5di@zianet.com>

To: "John J. McDonough" <wb8rcr@arrl.net>

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [151182] Re: Dayton Icom Announcement

Message-ID: <Pine.LNX.4.44.0305231440440.2360-100000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, well I guess we will just need to wait for the ARRL expanded test and then I can compare apples with apples. I like to compare new radios to the FT-817 ARRL expanded test so I can calculate how much better the new radio is. Since ARRL doesn't report a Third Order Intercept, and would have to define it to me if they did, I think TOI may be an Icom measurement. I don't trust that.

On Fri, 23 May 2003, John J. McDonough wrote:

> Karl  
>  
> I don't recall what ARRL calls it, but here's a comparison chart from  
> Adventure radio:  
>  
> [http://www.natworld.com/ars/pages/back\\_issues/2001\\_text/0301\\_text/817\\_3ip.htm](http://www.natworld.com/ars/pages/back_issues/2001_text/0301_text/817_3ip.htm)  
> ml  
>

I do not trust Adventure Radio.

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

-----  
Date: Fri, 23 May 2003 13:43:39 -0700 (PDT)  
From: Lloyd Lachow <llachow@yahoo.com>  
To: Makos327@worldnet.att.net,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [151183] Re: Suggestions for QRP carrying cases?  
Message-ID: <20030523204339.6115.qmail@web41004.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

--- Lawrence Makoski <Makos327@worldnet.att.net>  
wrote:  
> What do you guys use; if anything, for carrying your  
> stuff around?

There are some great, low-cost padded "cooler-" type carrying cases at Target, Walmart, or your local supermarket. They are designed as lunchboxes, or coolers, but are actually perfection itself for QRP portables. I have a small one, just right for a K1 and some assorted detritus for mobile ops; they come in many sizes. And colors!

=====

73, 72 es oo, Lloyd, K3ESE - Reisterstown, Maryland  
multiPIG+ #14 - K1 # 00379 - 20/40M Rock-Mites  
Hunk o' Wahr - Begali Magnetic Classic Paddles  
ARRL - ARS #1301 - QRPParci #11147 - FISTS #8774  
FPQRP #476 - QRP-L #2415 - SOC #530  
Fun = Skill / Power !

-----  
Do you Yahoo!?  
The New Yahoo! Search - Faster. Easier. Bingo.  
<http://search.yahoo.com>

-----  
Date: Fri, 23 May 2003 15:45:51 -0500 (EST)  
From: <igeq100@iupui.edu>  
To: Lawrence Makoski <Makos327@worldnet.att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [151184] Re: Suggestions for QRP carrying cases?  
Message-ID: <Pine.GS0.3.96.1030523154213.8848A-100000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Larry -

If you are near to a Harbor Freight outlet (or via the web), they have aluminum cases with foam inserts that are not very expensive. A Pelican case (molded high-impact plastic) would be nice, but would divert too many funds away from the OHR 500 (nice rig, BTW). I once also found the aluminum cases at WalMart for a very good price.

72/73,

Rich, WB9LPU

-----

Date: Fri, 23 May 2003 15:50:06 -0500  
From: "Mark Andrews" <KE4IOF@KE4IOF.com>  
To: <Makos327@worldnet.att.net>,  
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151185] Re: Suggestions for QRP carrying cases?  
Message-ID: <013c01c3216c\$e4a02170\$146f640a@MarkAndrews>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Go to Lowe's.

They've been carrying a really nice aluminum case with the blank foam that was just the right size for my QRP+, QRP+ Companion and Bencher Paddle. I think the price is \$19.95.

No Affiliation and all that...

-----  
Mark A. Andrews, KE4MA

"You can't reason a person out of a position that the person wasn't reasoned into in the first place"

----- Original Message -----

From: "Lawrence Makoski" <Makos327@worldnet.att.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, May 23, 2003 3:33 PM  
Subject: Suggestions for QRP carrying cases?

> Hello to all on the list !  
>  
> I need to pick your brains for a moment. The other week I finished  
> constructing an OHR Classic that I had for years; but never built, until  
now  
> Anyway, it's up and running and I've been operating from my car in the  
> parking lot at work during lunch. It get me out of the office for a few  
> minutes and it's fun besides!  
>  
> Anyway, I have been carrying the Classic, an Emtech ZM 2 tuner and an OHR  
> WM1 (along with battery, key and cables) in a gym bag in the back of my  
Ford  
> Explorer. Today, I got the idea that instead of a gym bag; it might be  
nice  
> to have something more "cushiony" that would protect all these kits that I  
> so lovingly built.  
>



> What do you guys use; if anything, for carrying your stuff around? I was  
> thinking of something hard plastic and filled with a blank foam insert  
that  
> I could make cut-outs to cradle this stuff would be nice; but I have no  
idea  
> where to even start looking. Also, the cheaper the better! I'm in the  
> process of saving up for an OHR 500 for the shack; and I want to divert as  
> little of those funds as possible.  
>  
> So .... I'm looking for ideas from the experts - my fellow QRP Hams on  
this  
> list. Thanks in advance for your ideas.  
>  
> 73 de Larry W2LJ  
> <http://www.qsl.net/w2lj>  
>

-----  
Date: Fri, 23 May 2003 15:05:14 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [151186] Re: Dayton Icom Announcement  
Message-ID: <Pine.LNX.4.44.0305231457510.2360-1000000@bucket.dog>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Yes IP3 I recognise and I already have the fine pdf of their Lab  
Test Procedures. And it's very true that the value of IP3 is a huge  
non-linear function of the placement and spacing of the 2 signals in the  
receiver passband.

As I told John, I want to compare this +40 DB IP3 to my FT-817  
which I think is about +20 DB. As you say if the figure is +40 DB then  
with the ARRL Lab frequency spacing it's remarkable performance!

On Fri, 23 May 2003, George, W5YR wrote:

> Karl, it stands for "Third Order Intercept" or IP3 in short.  
> It is a very basic and fundamental performance parameter that ARRL Labs  
> finds for each receiver they test. Its value is calculated from several  
> other performance parameters as described on page 59 of the ARRL Lab Test  
> Procedures Manual..

>  
> The IC-7800 is claimed to have an IP3 of 40 dBm, equivalent in power to ten  
> watts. I think that the PR02 has about a +20 dBm IP3 and the new ORION  
> claims something around +25 dBm.  
>  
> As you know, the higher the IP3, the less likely the receiver is to have  
> problems with either large single signals or combinations of large signals.  
>  
> A +40 dBm IP3 is the sort of value that you find on \$30K+ commercial  
> receivers, not amateur radios. Of course, the value depends upon the spacing  
> between two test signals when IP3 is measured/calculated. As the spacing  
> decreases, so does IP3. Icom has not revealed at what test signal spacing  
> the 40 dBm value applies.  
>  
> The text of the entire Lab procedures manual is available for download from  
> the ARRL website. Lots of interesting reading.  
>  
> 73/72, George  
> Amateur Radio W5YR - the Yellow Rose of Texas  
> Fairview, TX 30 mi NE of Dallas in Collin county EM13QE  
> "In the 57th year and it just keeps getting better!"  
> <mailto:w5yr@att.net>  
>  
>  
>  
>  
>  
> ----- Original Message -----  
> From: "Karl F. Larsen" <k5di@zianet.com>  
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
> Sent: Friday, May 23, 2003 6:39 AM  
> Subject: Re: Dayton Icom Announcement  
>  
>  
> >  
> > Hi John, I'm having trouble finding TOI in the ARRL expanded test of the  
> > FT-817. I see the Inband Receiver IMD Test and it sounds like what your  
> > talking about. It is 2 signal generators entering the receiver to cause a  
> > 900 and 1100 Hz tone.  
> >  
> > But the phrase 40 DB TOI doesn't transfer any information to me.  
> > If you look at the IMD Test you see they present an audio spectrum  
> > analysis where both signals are 59+40DB and the FT-817 has mixer  
> > products about down 20 to 25 DB. Are you saying the Icom will have mixer  
> > products down 40 DB?  
> >  
> > If this is the case then yes Icom has done something very new.  
> > But if 40 DB TOI means something else, then the ARRL Lab isn't measuring

> > it. The Second Order Intercept is called Dynamic Range. The FT-817 has  
> > about 100 DB dynamic range.

>  
>

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

-----  
Date: Fri, 23 May 2003 20:53:55 +0000  
From: Larry Cahoon <lejek@erols.com>  
To: qrp-1@lehigh.edu, elecrafft@mailman.qth.net  
Subject: [151187] MO Falls all QRP  
Message-ID: <5.1.0.14.0.20030523204706.02c24488@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Wednesday afternoon Dave, W0CH/M, headed out for his trip across the state of MO. With a slight detour in the neighborhood of 100-200 miles he gave me Howard county to finish off the state of MO all QRP.

Actually over the past month Dave has given me the last three I needed in MO QRP. So it is help that I appreciate very much. This QSO, I still have to verify what rig Dave had, but I am almost certain was a 2xQRP, 2xCW, 2xK2 QSO to finish off the state. I was running 4 watts to my trusty dipole.

Average power to work a MO county came in at 780 mWatts.

Now only 21 counties to go in 9 states to finish up USA-CA all QRP-CW.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

-----  
Date: Fri, 23 May 2003 16:57:31 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Cc: "Karl F. Larsen" <k5di@zianet.com>  
Subject: [151188] Re: Dayton Icom Announcement  
Message-ID: <00b601c3216d\$fdec9cc0\$010044c0@chartermi.net>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Karl,

The ARRL lab report for the 817 shows the TOI to be between 0.8 and 8.2 with the preamp off, worse with the preamp on. So the 817 is a relatively poor performer in this regard. This is a little better than the numbers ARS give them - about -2. As someone else mentioned, 20 is a really good amateur receiver, and 25 is amazing. High priced military/commercial gear sometimes comes in the 30's. 40 is unheard of for an amateur receiver. Of course, since this radio isn't soup yet, it will be a while before we see the ARRL numbers, but you can bet Icom is targeting the League's procedures.

ARS is also a little more critical of the K2 - ARS gives them 14/8, while ARRL around 20/6 depending on the band. For the 2020, though, ARS is a little kinder than the ARRL, 16 vs. around 13 depending on band. I can't see what frequency ARS uses for the test, but QST publishes numbers by band, although the bands they choose seem a bit random.

The ARRL lab reports hide the third order intercept behind the cryptic title "Third-order intercept". Perhaps you did a find and the hyphen confused it.

72/73 de WB8RCR      <http://www.qsl.net/wb8rcr>  
didileydadidah      QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>  
To: "John J. McDonough" <wb8rcr@arrl.net>  
Cc: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Friday, May 23, 2003 4:46 PM  
Subject: Re: Dayton Icom Announcement

>  
> Hi John, well I guess we will just need to wait for the ARRL  
> expanded test and then I can compare apples with apples. I like to  
> compare new radios to the FT-817 ARRL expanded test so I can calculate  
> how much better the new radio is. Since ARRL doesn't report a Third  
> Order Intercept, and would have to define it to me if they did, I think  
> TOI may be an Icom measurement. I don't trust that.  
>  
>  
> On Fri, 23 May 2003, John J. McDonough wrote:  
>  
> > Karl  
> >  
> > I don't recall what ARRL calls it, but here's a comparison chart from

> > Adventure radio:  
> >  
> >  
[http://www.natworld.com/ars/pages/back\\_issues/2001\\_text/0301\\_text/817\\_3ip.ht](http://www.natworld.com/ars/pages/back_issues/2001_text/0301_text/817_3ip.ht)  
> > ml  
> >  
> I do not trust Adventure Radio.  
>  
>  
> --  
>  
> - Karl Larsen k5di Las Cruces, NM Az ScQRPions -  
>

-----  
Date: Fri, 23 May 2003 17:05:22 -0700  
From: "dave" <kd3pc@mindspring.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [151189] shack cleaning  
Message-ID: <005101c32188\$2c01f320\$09000000a@esprit>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys and Gals,

Still unemployed so more shack cleaning in preparations to move, first to QRP for a week, then to eBay:

|                                             |          |
|---------------------------------------------|----------|
| N-male to BNC-female insulated adapters     | \$2 ea.  |
| BNC T's two female and one male             | .35 ea.  |
| BNC 50ohm terminators                       | .50 ea.  |
| BNC bulkhead adapter, female/female         | .75 ea.  |
| BNC bulkhead connector straight solder lugs | .50 ea.  |
| BNC adapter female/female                   | .75 ea.  |
| BNC patch cable 12" 75ohm, male/male        | 1.25 ea. |

|                                    |         |
|------------------------------------|---------|
| Mini stereo to 1/4" stereo adapter | .25 ea. |
|------------------------------------|---------|

1 ea. (New) Trend 10BaseT (10Mbit) hub 16 port w/AUI and BNC connector has connect/activity/jam lights

\$20.00

|                                             |            |
|---------------------------------------------|------------|
| 2 ea. (New) Lantronix LMR8TA-T repeater/Hub | \$6.00 ea. |
|---------------------------------------------|------------|

|                                           |          |          |
|-------------------------------------------|----------|----------|
| 4 ea. Genius2000II 10BaseT/Coax card      | 2.00 ea. |          |
| 1 ea. HP 10BaseT/AUI card                 |          | 1.00     |
| Adaptec AHA 2920 SCSI card                | 2.00     |          |
| 9ea RJ45 to DB25 "make your adapter"      | 1.00 ea. |          |
| 3ea Adapter cable DB9F to DB25M 12"       | 1.00 ea. |          |
| 1 ea. Adapter cable DB9M to DB25F 12"     | 1.00     |          |
| 1 ea. Adapter cable DB9F to DB25M 12"     | 1.00     |          |
| 10 ea. 8Meg 72 pin simms 70ns             |          | 1.00 ea. |
| 1 ea. 16Meg 72 pin simm 70ns              |          | 2.00     |
| 4 ea. 16Meg 168 pin simms                 |          | 2.00 ea. |
| 1 ea. 16Meg 168 pin dimm                  |          | 2.00     |
| VST 3.5" USB floppy drive with install CD | 5.00     |          |

Mediumwave Associates AM tube radio kit, assembled but does not work,  
suspect bad tube.

\$25

All of the above prices are without shipping, you can calculate the shipper  
of your choice from zip 24014. Some pics available.

May trade for QRP gear or laptop. Please no flames about what these are  
worth or not worth.

dave dabay

Dave Dabay KD3PC  
2519 Carolina Avenue  
Roanoke, VA 24014  
540-345-5370

-----  
Date: Fri, 23 May 2003 17:02:43 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: <k5di@zianet.com>  
Subject: [151190] Re: Dayton Icom Announcement  
Message-ID: <00c101c3216e\$c3ba6e00\$010044c0@chartermi.net>

MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Sorry - I see the problem. The ARRL reports the TOI on the lab report, but not on the expanded lab report.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>  
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----  
From: "Karl F. Larsen" <k5di@zianet.com>  
Subject: Re: Dayton Icom Announcement

> TOI may be an Icom measurement. I don't trust that.

-----  
Date: Fri, 23 May 2003 17:04:11 -0400  
From: fcs@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [151191] Re: Suggestions for QRP carrying cases?  
Message-ID: <20030523.170416.-3424749.0.fcs@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Larry OM,

You describe in your message what I use for my camera.  
You should see such a travel case at many photo supply  
stores. I am quite sure they can be had in several sizes.  
Good luck,

Dick, W2SCF.

-----  
Date: Fri, 23 May 2003 17:15:44 -0400  
From: "w8diz" <w8diz@fpqrp.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [151192] Re: MO Falls all QRP  
Message-ID: <001b01c32170\$7931dab0\$b8cf1d41@cinci.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;

charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

OK Gang,

Let's give Larry a hand with this remarkable achievement.

Larry, do you have a list of the counties that you need?  
I would be willing to set up portable operation in OH, KY, IN  
to help out. Let us know where the county list is, OK?  
Maybe we can put this WorkedAllCounties thing to bed.  
I'd be proud to participate in your achievement.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio  
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W  
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Larry Cahoon" <lejek@erols.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, May 23, 2003 4:53 PM  
Subject: MO Falls all QRP

Wednesday afternoon Dave, W0CH/M, headed out for his trip across the state of MO. With a slight detour in the neighborhood of 100-200 miles he gave me Howard county to finish off the state of MO all QRP.

Actually over the past month Dave has given me the last three I needed in MO QRP. So it is help that I appreciate very much. This QSO, I still have to verify what rig Dave had, but I am almost certain was a 2xQRP, 2xCW, 2xK2 QSO to finish off the state. I was running 4 watts to my trusty dipole.

Average power to work a MO county came in at 780 mWatts.

Now only 21 counties to go in 9 states to finish up USA-CA all QRP-CW.

73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

-----  
Date: Fri, 23 May 2003 21:34:57 +0000



From: Larry Cahoon <lejek@erols.com>  
To: w8diz@fpqrp.com,  
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [151193] Re: MO Falls all QRP  
Message-ID: <5.1.0.14.0.20030523212827.02c28ef8@pop.erols.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Tnx Diz,

I'll take all the help I can get. There are three I need in KY - Morgan, Nicholas, and Pendleton. The only other one east of the Mississippi is Wirt, WV. The full list is up at the web site.

Tnx and 73 de Larry.....WD3P in MD  
<http://www.wd3p.net/>

At 05:15 PM 5/23/2003 -0400, w8diz wrote:

>OK Gang,

>

>Let's give Larry a hand with this remarkable achievement.

>

>Larry, do you have a list of the counties that you need?

>I would be willing to set up portable operation in OH, KY, IN

>to help out. Let us know where the county list is, OK?

>Maybe we can put this WorkedAllCounties thing to bed.

>I'd be proud to participate in your achievement.

>

>72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio

>Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W

>RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

>

>

>----- Original Message -----

>From: "Larry Cahoon" <lejek@erols.com>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Friday, May 23, 2003 4:53 PM

>Subject: MO Falls all QRP

>

>

>Wednesday afternoon Dave, W0CH/M, headed out for his trip across the state

>of MO. With a slight detour in the neighborhood of 100-200 miles he gave

>me Howard county to finish off the state of MO all QRP.

>

> Actually over the past month Dave has given me the last three I needed in

>MO QRP. So it is help that I appreciate very much. This QSO, I still have

>to verify what rig Dave had, but I am almost certain was a 2xQRP, 2xCW,

>2xK2 QSO to finish off the state. I was running 4 watts to my trusty dipole.  
>  
>Average power to work a MO county came in at 780 mWatts.  
>  
>Now only 21 counties to go in 9 states to finish up USA-CA all QRP-CW.  
>  
>73 de Larry.....WD3P in MD  
><http://www.wd3p.net/>

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Date: Fri, 23 May 2003 14:36:49 -0700 (PDT)  
From: Gary Slagel <gdslagel@yahoo.com>  
To: QRP L <qrp-l@Lehigh.EDU>  
Subject: [151194] N0SXX from Colorado Trail Sat Nite  
Message-ID: <20030523213649.17872.qmail@web11601.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

I'm making my first backpack of the year into the mountains this weekend. I'll be hiking from Kenosha pass east to the Lost Creek Wilderness and camping somewhere Saturday nite. Elevation is in the 10,000 to 10,500 feet range but I think most of the snow is gone!

I should be on the air on 20/30/40 off and on through out the evening. If anyone wants to listen for me I'll make sure and be on 20 meters (around 14.060) at 7:30PM MDT Saturday nite. Of course there will be a 'suitable for framing' (hihi) picture qsl of the trail expedition for anyone that I'm lucky enuff to work!

Hope to see a few of you tmrrw nite!

72,  
Gary

=====  
Gary Slagel/N0SXX  
Conifer, CO 80433  
[gdslagel@yahoo.com](mailto:gdslagel@yahoo.com)  
Personal Website: <http://gdslagel.bravepages.com>

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Do you Yahoo!?  
The New Yahoo! Search - Faster. Easier. Bingo.  
<http://search.yahoo.com>

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End of QRP-L Digest 2929  
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